

AUG 01 2002

510(K) SUBMISSION FOR GREEN NITRILE POWDER-FREE MEDICAL EXAMINATION GLOVE
SUBMISSION DATE: 2002-06-16

SUMMARY OF SAFETY AND EFFECTIVENESS**A. INFORMATION****1. SUBMITTER'S**

Name: BEST MANUFACTURING COMPANY

Address: 579 Edison Street
Menlo, GA 30731 USA

Telephone Number: 706 862 2302

Contact Person: David C. Young

Date Summary Prepared: 2002-06-16

2. NAME OF DEVICE

Trade or Proprietary Name: Nitrile Powder-Free Medical
Examination Glove (GREEN)

Common or Usual Name Non-Sterile Nitrile Powder-Free Patient
Examination Glove

Classification Name: Patient Examination Glove

**3. PREDICATE DEVICE
IDENTIFICATION NAME,
NUMBER**

Nitrile Powder-Free Medical Examination
Glove (brown), K012166; and
Green Nitrile Powder-Free Medical
Examination Glove, K012899

4. DESCRIPTION OF DEVICE**a. How the device functions:**

Nitrile rubber films form an excellent barrier to body fluids and
bloodborne pathogens.

b. Scientific concepts that form the basis for the device:

The nitrile rubber is water tight under normal conditions of use. It's
tensile properties cause it to conform to the hand, allowing fine movement
necessary for treatment. The absence of natural rubber latex in the
product yields no latex protein allergens.

**c. Physical and performance characteristics such as design, materials, and
physical properties:**

Nitrile rubber is known to create a superior barrier to bloodborne
pathogens and body fluids.

5. STATEMENT OF INTENDED USE, INCLUDING DESCRIPTION OF THE DISEASE OR CONDITIONS THAT THE DEVICE WILL ADDRESS

This is a disposable device, intended for medical purposes, that is worn on the examiner's hand to prevent contamination between the patient and examiner. Powder-free examination gloves are suitable in situations where powder is not desirable.

6. EXPLANATION OF SIMILARITIES OR DIFFERENCES TO PREDICATE DEVICE

- The proposed device is identical to the predicate device, except for the following:

The proposed device has been rendered green in color, similar to predicate K012899, while using the same formulation of predicate K012166, but changing the color of this predicate from brown to green..

B. IF SE DECISION BASED ON PERFORMANCE DATA:

1. DISCUSSION OF NON-CLINICAL TESTS

| <u>Specification</u> | <u>Proposed</u> Nitrile Powder-Free Medical Examination Glove (green) | <u>Predicate</u> Nitrile Powder-Free Medical Examination Glove (brown) & Green Nitrile Powder-Free Medical Examination Glove |
|-----------------------|--|---|
| Performance Standards | ASTM | ASTM |
| Watertightness | ASTM | ASTM |

2. DISCUSSION OF CLINICAL TESTS

| <u>Specification</u> <u>Safety</u> | <u>Proposed</u> | <u>Predicate</u> |
|---------------------------------------|-----------------|------------------|
| Rabbit Irritation | Passes | Passes |
| Guinea Pig Sensitization | Passes | Passes |
| Modified Draze Test | N/A | N/A |

DISCUSSION OF SAFETY OR EFFECTIVENESS DATA OBTAINED
(with specific reference to adverse effects and complications)

See Section M: Biocompatibility Testing.

3. CONCLUSIONS DRAWN FROM NONCLINICAL AND CLINICAL TESTS
THAT DEMONSTRATE SAFETY AND EFFECTIVENESS, AND
Performance => PREDICATE PRODUCT

The Nitrile Powder-Free Medical Examination Glove (green) has been carefully compared to a legally marketed device in the 510(k). The data summaries indicate that the proposed product meets or exceeds accepted scores for the predicate product in both physical and nonclinical tests and satisfies the requirements for a safe and effective "powder-free" medical glove.

Pursuant to 21 C.F.R. 807.87 (j), I David C. Young, Director, Regulatory Affairs and Quality Assurance, certify that to the best of my knowledge and belief and based upon the data and information submitted to me in the course of my responsibilities as the Director, Regulatory Affairs and Quality Assurance, for the Best Manufacturing Company, and in reliance thereupon, the data and information submitted in this premarket notification are truthful and accurate and that no facts material to a review of the substantial equivalence of this device have been knowingly omitted from this submission.



David C. Young, Director, Regulatory Affairs & Quality Assurance

2002-06-16
DATE



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

AUG 01 2002

David C. Young, MIQA
Director, Regulatory Affairs & Quality Assurance
Best Manufacturing Company
579 Edison Street
Menlo, Georgia 30731-0008

Re: K022024
Trade/Device Name: Nitrile Powder-Free Medical Examination Glove (Green)
Regulation Number: 21 CFR 880.6250
Regulation Name: Patient Examination Glove
Regulatory Class: I
Product Code: LZA
Dated: June 16, 2002
Received: June 20, 2002

Dear Mr. Young:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration

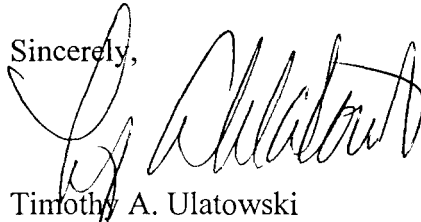
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and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4618. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely,



Timothy A. Ulatowski
Director

Division of Anesthesiology, General Hospital,
Infection Control and Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

INDICATIONS FOR USE

Applicant: **Best Manufacturing Company**
510(k) Number (if known) **K 022024 ***
Device Name: **Nitrile Powder-Free Medical Examination Glove (green)**

The **Nitrile Powder-Free Medical Examination Glove (green)** is a disposable device intended for medical purposes; that is worn on the examiner's hand, to prevent contamination between the patient and examiner (21 CFR 880.6250).

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)


Concurrence of CDRH Office of Device Evaluation (ODE)

Prescription Use _____
Per 21 CFR 801.109

OR

Over-The-Counter _____

* For a new submission, do NOT fill in the 510(k) number blank.


(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number **K 022024**

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SECTION I
REVISION